

Ninja + Moore

July 31, 2006
Project No. 203320008

Mr. Don Iridermill
California Regional Water Quality Control Board
Los Angeles Region
320 West 4th Street, Suite 200
Los Angeles, California 90013

Subject: Quarterly Groundwater Monitoring Report,
Second Quarter 2006
8411 South Atlantic Avenue
Cudahy, California
SLIC No. 1148

Dear Mr. Indermill:

Niryo & Moore is pleased to submit this report documenting the groundwater monitoring procedures and results for the subject facility. As requested in your letter dated June 16, 2006, Niryo & Moore is in the process of completing the Well Receptor Survey, although all of the data has not yet been obtained. Niryo & Moore will forward the results of the Well Receptor Survey as soon as possible. Niryo & Moore has also initiated uploading the data to the Geo-Tracker website. The contents of this report include:

QUARTERLY MONITORING AND SAMPLING RESULTS:

- Attachment A – Data Summary
 - Attachment B – Table 1 – Summary of Groundwater Elevation Measurements
Table 2 – Summary of Laboratory Results of Groundwater Samples
 - Attachment C – Figure 1 – Site Vicinity Map
Figure 2 – Site Plan
 - Attachment D – Field Procedures
 - Attachment E – Field Data Sheets
 - Attachment F – Laboratory Report and Chain-of-Custody Documentation
 - Attachment G – GeoTracker Upload Confirmation

If you have any questions regarding the data or information in this report, please contact either of
the undersigned at your convenience.

Sincerely,
NINYO & MOORE


Jeffrey D. Arbour

Staff Environmental Scientist


Paul A. Roberts

Paul A. Roberts, P.G., R.E.A. I/II
Senior Environmental Geologist

JDA/PAR/

Distribution: (1) Addressee

- (1) John Allen, Esq., Allen Matkin Gamble Mallory & Natsis LLP
- (1) Mr. Mark Cousineau, Hazard Management Consulting, Inc.
- (1) Mr. Paul Ohlmann, On Atlantic, LLC

8411 South Atlantic Boulevard
Cudahy, California

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ATTACHMENT A

SUMMARY DATA

DATA SUMMARY		
SITE INFORMATION		
8411 South Atlantic Boulevard Cudahy, California	Lead Agency: Agency Case Number: Project Number:	LARWQCB SLIC No. 1148 203320008
OVERVIEW		
Reporting Period: Sampling Consultant:	Second Quarter, 2006 Ninjo & Moore	Groundwater wells on site: 3 Groundwater wells off site: 0
GEOLOGIC INFORMATION		
Source: Installation of groundwater monitoring well MW-1 Surface to ~83 ft bgs - interbedded fine SAND and silty fine SAND		
FIELD ACTIVITIES		
Groundwater fluid level measurement date(s): Groundwater sampling date(s): Groundwater wells monitored: Groundwater wells sampled: Total gallons disposed: Treatment/disposal method:	July 13, 2006 July 13, 2006 3 3 75 Crosby & Overton	Purge method: Submersible pump
LABORATORY ANALYSIS		
Groundwater samples were submitted to a state-certified laboratory for the following analyses: - VOCs in general accordance with EPA Method 8260B.		
GROUNDWATER INFORMATION		
- Field activities were performed under the direction of a California Professional Geologist.		
Minimum Depth to groundwater (ft bgs): Maximum Depth to groundwater (ft bgs): Average groundwater elevation (ft msl): Average change in gw elevation since last event (ft): Groundwater wells with free product: Free product thickness (ft): Free product removed (gallons): Groundwater gradient (ft/ft) and flow direction: Groundwater gradient (ft/ft) and flow direction [last quarterly event (date)]: 0.069 to the northeast (9/8/05)	58.67 51.23 49.03 1.36 0 0.00 0.00 0.01 to the northeast. 0.069 to the northeast (9/8/05)	
FINDINGS – ANALYTICAL RESULTS		
Wells with TCE below MCL: Wells with TCE above MCL: Wells with breakdown products of TCE above MCL (trans-1,2-DCE, cis-1,2-DCE, 1,1-DCE and/or VC): Maximum concentrations of TCE (µg/l): Minimum concentrations of TCE (µg/l): Maximum concentrations of trans-1,2-DCE (µg/l): Minimum concentrations of trans-1,2-DCE (µg/l): Maximum concentrations of cis-1,2-DCE (µg/l): Minimum concentrations of cis-1,2-DCE (µg/l): Maximum concentrations of 1,1-DCE (µg/l): Minimum concentrations of 1,1-DCE (µg/l): Maximum concentrations of VC (µg/l): Minimum concentrations of VC (µg/l):	0 3 3 3,700 2,800 16 7.2 230 100 5 3 2.2 1.5	

DATA SUMMARY			
SITE INFORMATION			
8411 South Atlantic Boulevard Cudahy, California	Lead Agency: Agency Case Number:	LARWQCB SLIC No. 1148	Project Number:
203328008			
CONCLUSIONS			
<p>Laboratory results of the groundwater samples collected at the site have continued to shown concentrations of TCE and, to a lesser extent, the breakdown products of cis-1,2-DCE, trans-1,2-DCE, 1,1-DCE, and vinyl chloride. Laboratory results have shown relatively the same magnitude of TCE concentrations in all three wells, and the direction of groundwater flow has been consistently in a northeasterly direction. Based on the sampling conducted to-date, laboratory results of groundwater collected from well MW-1, located adjacent to the former clarifier, have shown concentrations of TCE at the same general magnitude as groundwater collected from MW-2 and MW-3, located crossgradient from MW-1. Based on the soil and groundwater data collected to-date, it appears that while the site may have slightly contributed to the degradation of groundwater, an off-site source is highly likely present as well. There are a number of off-site properties near or adjacent to the site that are known to have VOC releases. Thus, the laboratory results from groundwater monitoring support the conclusion that one or more off-site sources are primarily responsible for the observed impacts to groundwater.</p>			
RECOMMENDATIONS			
<p>As per the LARWQCB letter dated June 16, 2006, Ninyo & Moore is in the process of preparing a work plan to further assess groundwater quality and groundwater flow in the vicinity of the site; to further assess soil conditions at the site; and to assess possible off-site sources of the impacted groundwater. The work plan will be submitted to the LARWQCB by August 18, 2006. Ninyo & Moore will continue to complete quarterly groundwater monitoring utilizing all wells associated with the site.</p>			
NOTES/ABBREVIATIONS			
LARWQCB	= Los Angeles Regional Water Quality Control Board	sgs	= below ground surface
EPA	= Environmental Protection Agency	sgsl	= above sea level
TCE	= trichloroethene	sgw	= groundwater
cis-1,2-DCE	= cis-1,2-dichloroethene	MCL	= maximum contaminant level
trans-1,2-DCE	= trans-1,2-dichloroethene	ppb	= parts per billion
1,1-DCE	= 1,1-dichloroethene	MDL	= method detection limit
VOCs	= volatile organic compounds	VC	= vinyl chloride
	= feet		Elevations are in feet above mean sea level

DATA SUMMARY		
SITE INFORMATION		
8411 South Atlantic Boulevard Cudahy, California	Lead Agency: Agency Case Number: Project Number:	LARWQCB SLJC No. 1148 203320008
LIMITATIONS		
<p>The environmental services described in this report have been conducted in general accordance with current regulatory guidelines and the standard-of-care exercised by environmental consultants performing similar work in the project area. No warranty, expressed or implied, is made regarding the professional opinions presented in this report. Variations in site conditions may exist and conditions not observed or described in this report may be encountered during subsequent activities. Please also note that this study did not include an evaluation of geotechnical conditions or potential geologic hazards.</p>		
<p>Ninyo & Moore's opinions and recommendations regarding environmental conditions, as presented in this report, are based on limited subsurface assessment and chemical analysis. Further assessment of potential adverse environmental impacts from past on-site and/or nearby use of hazardous materials may be accomplished by a more comprehensive assessment. The samples collected and used for testing, and the observations made, are believed to be representative of the area(s) evaluated; however, conditions can vary significantly between sampling locations. Variations in soil and/or groundwater conditions will exist beyond the points explored in this evaluation.</p>		
<p>The environmental interpretations and opinions contained in this report are based on the results of laboratory tests and analyses intended to detect the presence and concentration of specific chemical or physical constituents in samples collected from the subject site. The testing and analyses have been conducted by an independent laboratory which is certified by the State of California to conduct such tests. Ninyo & Moore has no involvement in, or control over, such testing and analysis. Ninyo & Moore, therefore, disclaims responsibility for any inaccuracy in such laboratory results.</p>		
<p>Our conclusions, recommendations, and opinions are based on an analysis of the observed site conditions. It should be understood that the conditions of a site could change with time as a result of natural processes or the activities of man at the subject site or nearby sites. In addition, changes to the applicable laws, regulations, codes, and standards of practice may occur due to government action or the broadening of knowledge. The findings of this report may, therefore, be invalidated over time, in part or in whole, by changes over which Ninyo & Moore has no control.</p>		
<p>This document is intended to be used only in its entirety. No portion of the document, by itself, is designed to completely represent any aspect of the project described herein. Ninyo & Moore should be contacted if the reader requires any additional information, or has questions regarding content, interpretations presented, or completeness of this document.</p>		
<p>This report is intended exclusively for use by the client. Any use or reuse of the findings, conclusions, and/or recommendations of this report by parties other than the client is undertaken at said parties' sole risk.</p>		

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ATTACHMENT B

TABLES

TABLE 1 – SUMMARY OF GROUNDWATER ELEVATION MEASUREMENTS

Well No.	MW-1			MW-2			MW-3		
Elevation of TOC	99.62			100.09			99.95		
Date	Depth (feet)	Elevation (feet)	Change in Elevation (feet)	Depth (feet)	Elevation (feet)	Change in Elevation (feet)	Depth (feet)	Elevation (feet)	Change in Elevation (feet)
7/13/2006	50.68	48.94	1.44	50.67	49.42	1.69	51.23	48.72	0.96
9/8/2005	52.12	47.50	0.07	52.36	47.73	0.04	52.19	47.76	0.21
7/11/2005	52.19	47.43	0.54	52.40	47.69	—	52.40	47.55	—
3/15/2005	52.73	46.89	-0.03	---	---	---	---	---	---
12/22/2004	52.7	46.92	1.70	---	---	---	---	---	---
8/27/2004	54.4	45.22	---	---	---	---	---	---	---

Notes:

TOC – top of casing
--- – Not applicable. Wells MW-2 and MW-3 were installed on 7/5/05.
Depth – feet below ground surface
Elevation – feet above mean sea level

TABLE 2 – SUMMARY OF LABORATORY RESULTS OF GROUNDWATER SAMPLES

Well No.	Date Sampled	VOCs (µg/L)												
		BDCM	1,1,2-TCA	1,1-DCE	Chloroform	cis-1,2-DCE	PCE	Trans-1,2-DCE	TCE	Bromoform	VC	1,1-DCA	1,2-DCA	Methylene Chloride
MW-1	7/13/2006	<0.5	<0.5	3.3	<0.5	100	<0.5	7.2	3,200	1.0	1.8	<0.5	<0.5	<0.5
	9/8/2005	26	<5.0	<5.0	<5.0	110	<5.0	6.5	3,300	<5.0	<5.0	<5.0	<5.0	<5.0
	7/11/2005	<5.0	<5.0	<5.0	<5.0	89	<5.0	5.7	2,900	<5.0	<5.0	<5.0	<5.0	<5.0
	3/15/2005	<5.0	<5.0	<5.0	<5.0	59	<5.0	<5.0	1,700	<5.0	<5.0	<5.0	<5.0	<5.0
	1/22/2004	<5.0	<5.0	<5.0	<5.0	62	<5.0	<5.0	1,900	<5.0	<5.0	<5.0	<5.0	<5.0
	8/27/2004	<5.0	0.55	3.3	0.79	99	1.8	5.9	2,300	<5.0	<5.0	<5.0	<5.0	<5.0
MW-2	7/13/2006	<0.5	<0.5	3	<0.5	200	<0.5	11	2,800	<0.5	1.5	1.1	<0.5	<0.5
	9/8/2005	<5.0	<5.0	<5.0	<5.0	95	<5.0	6.0	2,500	<5.0	<5.0	<5.0	<5.0	<5.0
	7/11/2005	<5.0	<5.0	<5.0	<5.0	82	<5.0	5.7	2,200	<5.0	<5.0	<5.0	<5.0	<5.0
MW-3	7/13/2006	<0.5	<0.5	4.4	<0.5	280	<0.5	16	3,700	<0.5	2.2	0.63	2.1	<0.5
	9/8/2005	<5.0	<5.0	<5.0	<5.0	240	<5.0	13	2,800	<5.0	<5.0	<5.0	<5.0	<5.0
	7/11/2005	<5.0	<5.0	<5.0	<5.0	200	<5.0	13	2,700	<5.0	<5.0	<5.0	<5.0	<5.0
Trip B Link	7/13/2006	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.83
	9/8/2005	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	7/11/2005	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
EPA MCL	NA	5	7	NA	70	5	100	5	NA	2	NA	5	NA	NA
CDHS MCL	NA	5	6	NA	6	5	10	5	NA	0.5	5	0.5	NA	NA

Note:

VOC's – volatile organic compounds analyzed in general accordance with EPA Method No. 8260B

µg/l – micrograms per liter

BDCM – bromodichloromethane

1,1,2-TCA – 1,1,2-trichloroethane

1,1-DCE – 1,1-dichloroethene

cis-1,2-DCE – cis-1,2-dichloroethene

PCE – tetrachloroethene

trans-1,2-DCE – trans-1,2-dichloroethene

TCE – trichloroethene

VC – vinyl chloride

1,1-DCA – 1,1-dichloroethane

1,2-DCA – 1,2-dichloroethane

EPA MCLs – Environmental Protection Agency Maximum Contaminant Levels

CDHS MCLs – California Department of Health Services Maximum Contaminant Levels

<5 – less than 5 µg/l the laboratory detection limit

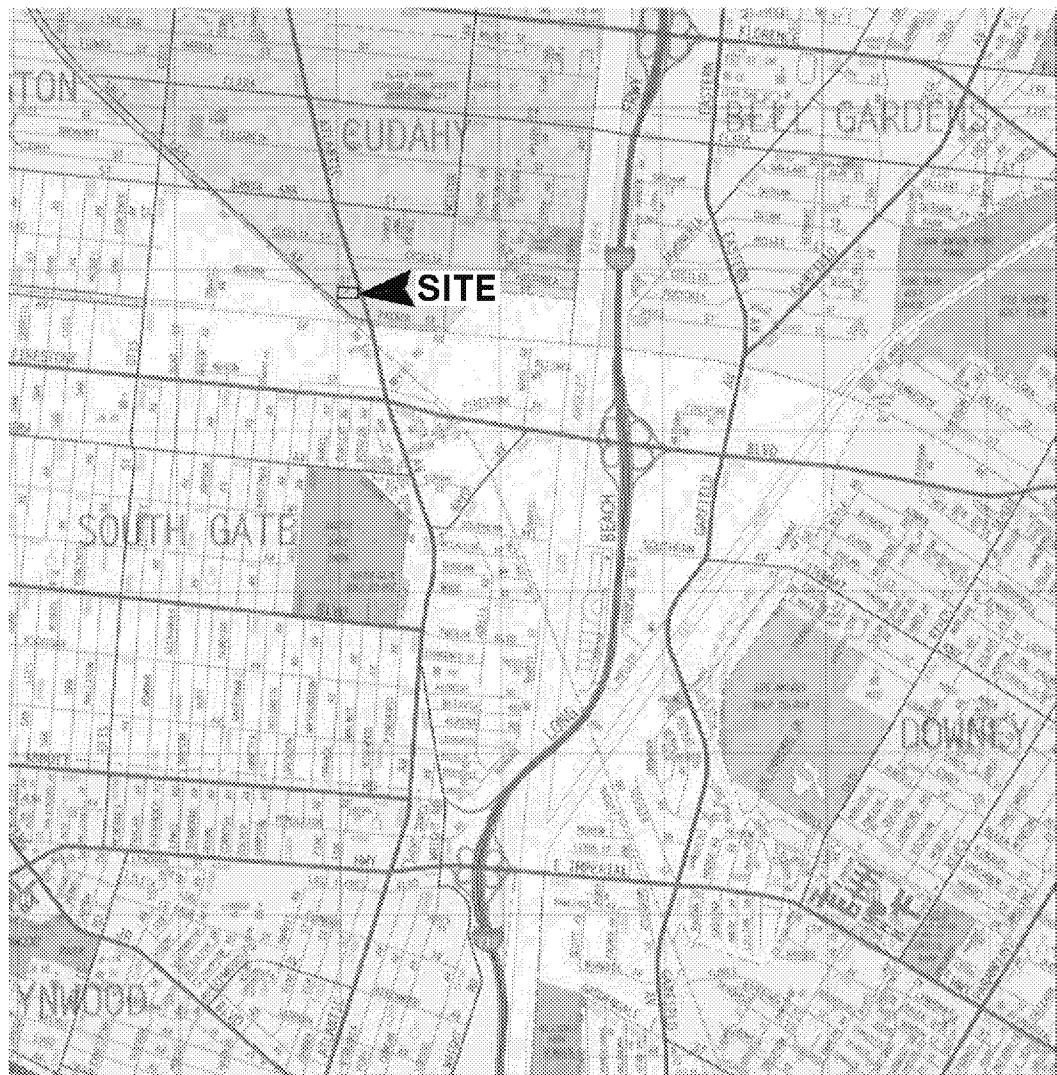
NA – not available

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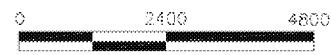
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ATTACHMENT C

FIGURES



REFERENCE: 2004 THOMAS GUIDE FOR LOS ANGELES/ORANGE COUNTIES, STREET GUIDE AND DIRECTORY



APPROXIMATE SCALE IN FEET



NOTE: ALL DIMENSIONS, DIRECTIONS AND LOCATIONS ARE APPROXIMATE

Ninja & Moore

SITE LOCATION MAP

FIGURE

1

PROJECT NO.	DATE
203320008	7/06

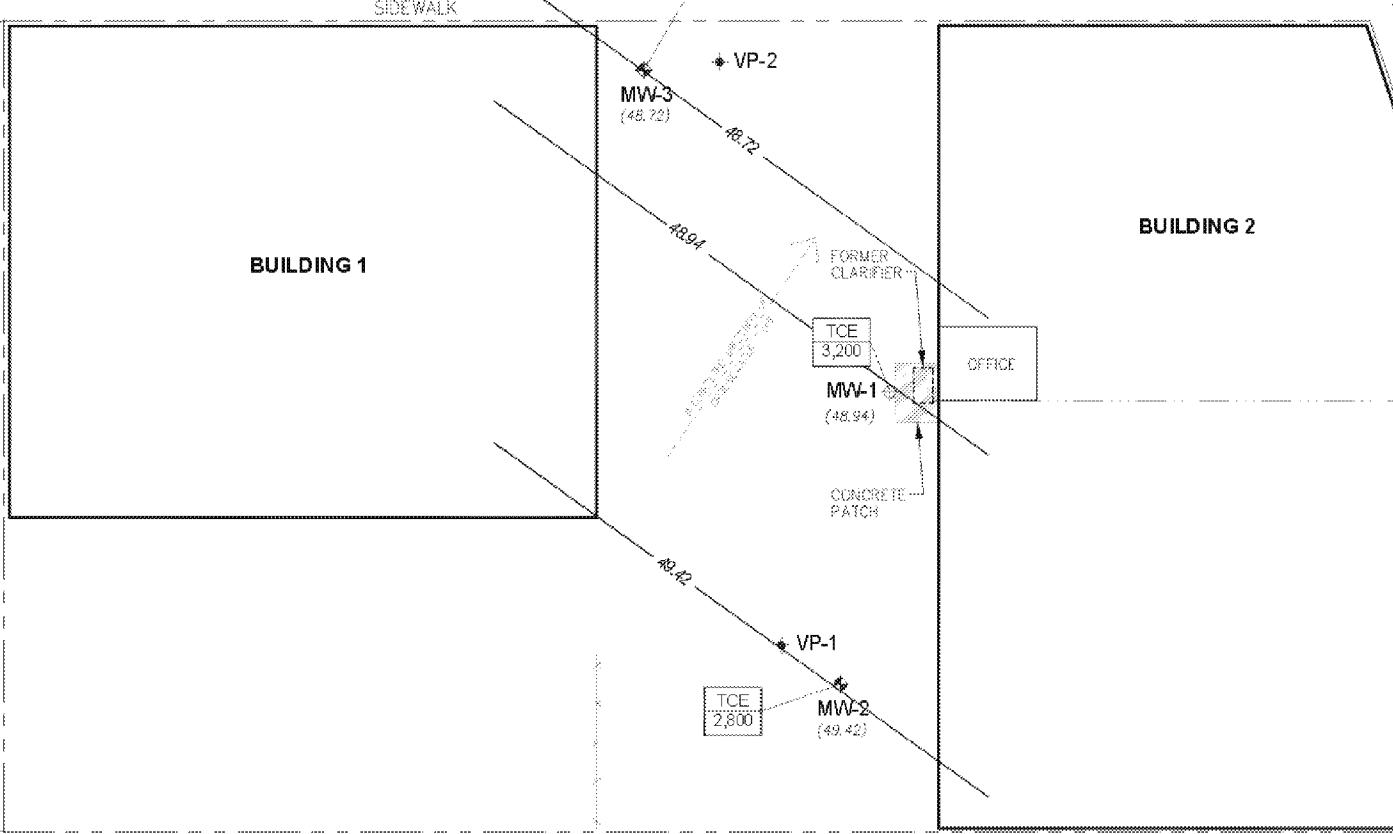
8411 SOUTH ATLANTIC BOULEVARD
CUDAHY, CALIFORNIA

2

SIDEWALK

3

ARDINE STREET



203320-E1.DWG



APPROXIMATE SCALE

0 30 60 FEET

NOTE: ALL DIMENSIONS, DIRECTIONS AND LOCATIONS ARE APPROXIMATE

Ninj

PROJECT NO.

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ATTACHMENT D

FIELD PROCEDURES

FIELD PROCEDURES

Purge Method Groundwater Sample Collection Procedures

1. Field activities and equipment utilization were recorded on Groundwater Sampling Field Data Sheets.
2. The water level and depth to the bottom of each well was measured using a conductance probe, the measurements were recorded to the nearest 0.01 foot. Prior to use, the probe was rinsed in an Alconox solution (an inorganic detergent), followed by two deionized-water rinses.
3. The volume of water (in gallons) contained in the well casings was estimated using the following equation:

$$\text{Casing Volume (gallons)} = \pi \times h \times 7.5 \times r_1^2$$

Where r_1 equals the radius of the well casing, h equals the height of the water in the well, $\pi = 3.14$, and 7.5 is equal to gallons per 1 cubic foot of water.

4. Prior to initiating a sampling program, the wells were purged of standing water. A water sample was collected following the removal of a minimum of three casing volumes of water and/or stabilization of pH, temperature, and electrical conductivity readings to within 5 percent of each other for three subsequent measurements.
5. A 55-gallon drum was used to measure the volume of water removed.
6. Disposable bailers were used for sampling the wells.
7. New line was used on the sampling bailers for each well.
8. Water samples were collected by lowering the bailer approximately 2 to 4 feet below the static groundwater level and raising the bailer slowly in order to minimize agitation of the water sample in the bailer.
9. Water was discharged from the bailer through a bottom discharge valve placed on the bottom of the sample container. Discharge to the sample container was conducted at a rate slow enough to minimize bubbling or significant agitation of the liquid. The sample container was filled to the top (from the bottom up) and overfilled leaving no remaining headspace.
10. Samples were collected in laboratory-approved 40-milliliter glass vials with Teflon septum lids.

Sample Handling

1. The samples retained for chemical analyses were placed in Ziploc bags and stored in an ice chest cooled, using ice, to a temperature of approximately 40 degrees Fahrenheit.
2. The samples were delivered to and analyzed by a State-certified hazardous waste laboratory within 24 hours of collection. Sample handling, transport, and delivery to the laboratory were documented using chain-of-custody procedures, including the use of chain-of-custody form.

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ATTACHMENT E

FIELD DATA SHEETS

GROUNDWATER MONITORING FIELD DATA SHEET

Project Name:	<u>On-Atlantic</u>	Date:	<u>7/13/2006</u>	Sampler:	<u>JDA</u>	
Project No.:	<u>203320008</u>	Weather:	<u>Clear, warm</u>			
Monitoring Well ID:	<u>MWI</u>	Site Location:	<u>8411 South Atlantic Boulevard, Cudahy, CA</u>			
Casing Diameter:	<input type="checkbox"/> 2" <input checked="" type="checkbox"/> 4" <input type="checkbox"/> 6" <input type="checkbox"/> Other	Casing Material:	<input checked="" type="checkbox"/> SCH 40-PVC <input type="checkbox"/> Other: S. Steel			
Total Depth (ft-TOC):	<u>79.85</u>	LNAPL Observed?	<u>No</u>	DNAPL Observed?	<u>No</u>	
Depth to Water (ft-TOC):	<u>59.68</u>	LNAPL Thickness (ft):	<u>N/A</u>	DNAPL Thickness (ft):	<u>N/A</u>	
Water Column Height (feet):	<u>29.17</u>	x	$\frac{1/2}{2} = 0.1$ $2^{\prime \prime} = 0.16$ $(4") = 0.63$	gal/ft = <u>18.46</u>	x 3.0 = <u>56.38</u>	
					Min. Purge Volume (gallons)	
Water Level Measurement Equip.:	<u>Selinst Groundwater Level Meter</u>			Cleaned:	<u>Yes</u>	
Purging Method/Equipment:	<u>2-inch pump</u>			Cleaned:	<u>Yes</u>	
Pump Lines/Bailer Ropes-New or Cleaned?:	<u>New</u>					
TIME	PURGE VOL. (gallons)	TEMP. (°C)	COND. (µS/cm)	pH	Turb (NTU)	COMMENTS (water level, color, turbidity, odor, sheen, etc.):
10:36	0	24.7	1.14	6.88	7	<u>Clear, No odor, no sheen</u>
10:39	5	23.1	1.23	6.89	7	
10:40	10	23.8	1.77	7.07	7	
10:41	15	23.7	1.77	7.08	8	
10:44	20	23.6	1.77	7.15	9	
10:45	25	23.6	1.77	7.16	9	
10:46	30	23.6	1.77	7.16	9	
10:49	35	23.6	1.78	7.18	8	
10:51	40	23.9	1.78	7.18	9	
10:54	45	23.5	1.78	7.18	9	
10:58	50	23.4	1.78	7.18	9	
11:03	55	23.4	1.78	7.19	9	
11:06	57	23.4	1.78	7.19	9	
Total Volume Purged (gallon):	<u>57</u>	Time Finished Purging:			<u>10:00</u>	
Depth to Water After Purging (ft):	<u>51.82</u>	Percent Recovery:				
Sampling Method/Equipment:	<u>New Bailer</u>		PARAMETER	USEPA METHOD	CONTAINERS/VOL/ YPE (VOA/Glass/Plastic)	PRESER- VATIVE
Bailer Rope-New or Cleaned?:	<u>New</u>		VOC	8260B	VOAS	HCL
Sample Time:						
Sample ID:	<u>MWI</u>					
Replicate ID (if appl.):						
Laboratory:	<u>ATL</u>					
Comments:						

Project Name:	<u>On-Atlantic</u>	Date:	<u>7/13/2006</u>	Sampler:	<u>JDA</u>		
Project No.:	<u>203320008</u>	Weather:	<u>Clear, Warm</u>				
Monitoring Well ID:	<u>MW2</u>	Site Location:	<u>8411 South Atlantic Boulevard, Cudahy, CA</u>				
Casing Diameter:	<input checked="" type="checkbox"/> 2"	<input type="checkbox"/> 4"	<input type="checkbox"/> 6"	<input type="checkbox"/> Other	Casing Material:	<input checked="" type="checkbox"/> SCH 40-PVC	<input type="checkbox"/> Other: S. Steel
Total Depth (ft-TOC):	<u>69.29</u>	LNAPL Observed?: <u>N/A</u>			DNAPL Observed?: <u>N/A</u>		
Depth to Water (ft-TOC):	<u>50.67</u>	LNAPL Thickness (ft): <u>N/A</u>			DNAPL Thickness (ft): <u>N/A</u>		
Water Column Height (feet):	<u>18.65</u>	$\times \frac{1/2'' = 0.1}{4'' = 0.65}$	gal/ft = <u>2.98</u>	$\times 3.0 =$	Min. Purge Volume (gallons)		
Water Level Measurement Equip.:	<u>Selinst Groundwater Level Meter</u>				Cleaned:	<u>Yes</u>	
Purging Method/Equipment:	<u>2-inch pump</u>				Cleaned:	<u>Yes</u>	
Pump Lines/Bailer Ropes-New or Cleaned?:	<u>New</u>						
TIME	PURGE VOL. (gallons)	TEMP. (°C)	COND. (µS/cm)	pH	Turb (NTU)	COMMENTS (water level, color, turbidity, odor, sheen, etc.):	
1300	0	26.1	0.758	7.36	999	<u>Cloudy, gray, no odor, no sheen</u>	
1302	3	26.1	0.736	7.25	999	<u>Cloudy, gray, no odor, no sheen</u>	
1304	4	24.3	0.736	7.23	999	<u>Cloudy, gray, no odor, no sheen</u>	
1306	6	24.1	0.733	7.24	999	<u>Cloudy, gray, no odor, no sheen</u>	
1308	8	23.8	0.733	7.24	999	<u>Cloudy, gray, no odor, no sheen</u>	
1309	9	23.3	0.733	7.24	999	<u>Cloudy, gray, no odor, no sheen</u>	
Total Volume Purged (gallon): <u>9</u>				Time Finished Purging: <u>1309</u>			
Depth to Water After Purging (ft): <u>52.71</u>				Percent Recovery:			
Sampling Method/Equipment: <u>New Bailer</u>		PARAMETER	USEPA METHOD	CONTAINERS/VOL/ YPE (VOA/Glass/Plastic)	PRESER- VATIVE		
Bailer Rope-New or Cleaned?: <u>New</u>		VOC	8260B	3 VOAS	HCL		
Sample Time:							
Sample ID: <u>MW2</u>							
Replicate ID (if appl.)							
Laboratory: <u>ATL</u>							
Comments:							

Project Name:	On-Atlantic	Date:	7/13/2006	Sampler:	JDA	
Project No.:	203320008	Weather:	Clear, Warm			
Monitoring Well ID:	MW3	Site Location:	8411 South Atlantic Boulevard, Cudahy, CA			
Casing Diameter:	<input checked="" type="checkbox"/> 2"	<input type="checkbox"/> 4"	<input type="checkbox"/> 6"	<input type="checkbox"/> Other	Casing Material: <input checked="" type="checkbox"/> SCH 40-PVC <input type="checkbox"/> Other: S. Steel	
Total Depth (ft-TOC):	51.23	LNAPL Observed?	N/A	DNAPL Observed?	N/A	
Depth to Water (ft-TOC):	69.36	LNAPL Thickness (ft):	N/A	DNAPL Thickness (ft):	N/A	
Water Column Height (feet):	18.13	X	1/2" = 0.1 2" = 0.16 4" = 0.65	gal/ft = 3.9	x 3.0 = 3.70	Min. Purge Volume (gallons)
Water Level Measurement Equip.:	Selinst Groundwater Level Meter				Cleaned:	Yes
Purging Method/Equipment:	2-inch pump				Cleaned:	Yes
Pump Lines/Bailer Ropes-New or Cleaned?:	New					
TIME	PURGE VOL. (gallons)	TEMP. (°C)	COND. (µS/cm)	pH	Turb (NTU)	COMMENTS (water level, color, turbidity, odor, sheen, etc.):
12:16	0	26.3	1.45	7.22	999	Cloudy, grey, no odor, no sheen
12:21	2	24.4	0.233	7.24	999	
12:23	4	24.3	0.183	7.20	999	
12:25	6	24.3	0.851	7.21	999	
12:27	8	23.8	0.884	7.20	999	
12:28	9	23.8	0.884	7.00	661	
Total Volume Purged (gallon): 9						
Time Finished Purging: 12:28						
Depth to Water After Purging (ft): 52.26						
Percent Recovery:						
Sampling Method/Equipment:	New Bailer	PARAMETER	USEPA METHOD	CONTAINERS/VOL/ TYPE (VOA/Glass/Plastic)	PRESER- VATIVE	
Bailer Rope-New or Cleaned?:	New	VOC	8260B	3 VOAS	HCl	
Sample Time:						
Sample ID:	MW3					
Replicate ID (if appl.)						
Laboratory:	ATL					
Comments:						

8411 South Atlantic Boulevard
Cudahy, California

July 31, 2006
Project No. 203320008

ATTACHMENT F

LABORATORY REPORT AND CHAIN-OF-CUSTODY DOCUMENTATION

July 20, 2006



Paul Roberts
Ninyo & Moore
475 Goddard Suite 200
Irvine, CA 92618
TEL: (949) 697-2198
FAX: (949) 753-7071

ELAP No.: 1838
NELAP No.: 02107CA
NEVADA.: CA-401
Arizona: AZ0689
CSDLAC No.: 10196
Workorder No.: 085582

RE: Cudahy On-Atlantic, 203320008

Attention: Paul Roberts

Enclosed are the results for sample(s) received on July 14, 2006 by Advanced Technology Laboratories . The sample(s) are tested for the parameters as indicated in the enclosed chain of custody in accordance with the applicable laboratory certifications.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (562)989-4045 if I can be of further assistance to your company.

Sincerely,

A handwritten signature in black ink, appearing to read "Eddie F. Rodriguez".

Eddie F. Rodriguez
Laboratory Director

The cover letter and the case narrative are an integral part of this analytical report and cannot be reproduced in part or in its entirety without written permission from the client and Advanced Technology Laboratories.



Advanced Technology
Laboratories

3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

CLIENT: Ninyo & Moore
Project: Cudahy On-Atlantic, 203320008
Lab Order: 085582

CASE NARRATIVE**Analytical Comments for EPA 8260**

Results were J-Flag. "J" is used to flag those results that are between the PQL (Practical Quantitation Limit) and the calculated MDL (Method Detection Limit). Results that are "J" flagged are estimated values since it becomes difficult to accurately quantitate the analyte near the MDL.



Advanced Technology
Laboratories

3275 Walnut Avenue, Signal Hill, CA 90753 Tel: 362.989.4949 Fax: 362.989.4940

Page 1 of 15

Advanced Technology Laboratories

Date: 20-Jul-06

CLIENT: Ninyo & Moore **Client Sample ID:** MW1
Lab Order: 085582 **Tag Number:**
Project: Cudahy On-Atlantic, 203320068 **Collection Date:** 7/13/2006 1:31:00 PM
Lab ID: 085582-001A **Matrix:** GROUND WATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
----------	--------	-----	-----	------	-------	----	---------------

VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS11_060717A	QC Batch: A08VW201		PrepDate:		Analyst: HH	
1,1,1,2-Tetrachloroethane	ND	0.20	0.50	µg/L	1	7/17/2006
1,1,1-Trichloroethane	ND	0.27	0.50	µg/L	1	7/17/2006
1,1,2,2-Tetrachloroethane	ND	0.20	0.50	µg/L	1	7/17/2006
1,1,2-Trichloroethane	0.28	0.20	0.50	µg/L	1	7/17/2006
1,1-Dichloroethane	0.38	0.23	0.50	µg/L	1	7/17/2006
1,1-Dichloroethene	3.9	0.23	0.50	µg/L	1	7/17/2006
1,1-Dichloropropene	ND	0.18	0.50	µg/L	1	7/17/2006
1,2,3-Trichlorobenzene	ND	0.16	0.50	µg/L	1	7/17/2006
1,2,3-Trichloropropane	ND	0.18	0.50	µg/L	1	7/17/2006
1,2,4-Trichlorobenzene	ND	0.14	0.50	µg/L	1	7/17/2006
1,2,4-Trimethylbenzene	ND	0.15	0.50	µg/L	1	7/17/2006
1,2-Dibromo-3-chloropropane	ND	0.24	0.50	µg/L	1	7/17/2006
1,2-Dibromoethane	ND	0.16	0.50	µg/L	1	7/17/2006
1,2-Dichlorobenzene	ND	0.14	0.50	µg/L	1	7/17/2006
1,2-Dichloromethane	ND	0.46	0.50	µg/L	1	7/17/2006
1,2-Dichloropropane	ND	0.26	0.50	µg/L	1	7/17/2006
1,3,5-Trimethylbenzene	ND	0.15	0.50	µg/L	1	7/17/2006
1,3-Dichlorobenzene	ND	0.15	0.50	µg/L	1	7/17/2006
1,3-Dichloropropane	ND	0.20	0.50	µg/L	1	7/17/2006
1,4-Dichlorobenzene	ND	0.21	0.50	µg/L	1	7/17/2006
2,2-Dichloropropane	ND	0.37	0.50	µg/L	1	7/17/2006
2-Chlorotoluene	ND	0.15	0.50	µg/L	1	7/17/2006
4-Chlorotoluene	ND	0.14	0.50	µg/L	1	7/17/2006
4-Isopropyltoluene	ND	0.19	0.50	µg/L	1	7/17/2006
Benzene	0.28	0.15	0.50	µg/L	1	7/17/2006
Bromobenzene	ND	0.20	0.50	µg/L	1	7/17/2006
Bromodichloromethane	ND	0.21	0.50	µg/L	1	7/17/2006
Bromoform	1.0	0.17	0.50	µg/L	1	7/17/2006
Bromomethane	ND	0.28	0.50	µg/L	1	7/17/2006
Carbon tetrachloride	ND	0.45	0.50	µg/L	1	7/17/2006
Chlorobenzene	ND	0.17	0.50	µg/L	1	7/17/2006
Chloroethane	ND	0.41	0.50	µg/L	1	7/17/2006
Chloroform	ND	0.30	0.50	µg/L	1	7/17/2006
Chloromethane	ND	0.46	0.50	µg/L	1	7/17/2006
cis-1,2-Dichloroethene	100	22	50	µg/L	100	7/18/2006
cis-1,3-Dichloropropene	ND	0.17	0.50	µg/L	1	7/17/2006

Qualifiers: B = Analyte detected in the associated Method Blank
H = Holding times for preparation or analysis exceeded
ND = Not Detected at the Reporting Limit
Results are wet unless otherwise specified

E = Value above quantitation range
J = Analyte detected below quantitation limits
S = Spike/Surrogate outside of limits due to matrix interference
DO = Surrogate Diluted Out

Page 2 of 15

Advanced Technology
Laboratories

3275 Walnut Avenue, Signal Hill, CA 90753 Tel: 562.989.4049 Fax: 363.989.4040

Advanced Technology Laboratories

Date: 20-Jul-06

CLIENT: Ninyo & Moore **Client Sample ID:** MW1
Lab Order: 085582 **Tag Number:**
Project: Cudahy On-Atlantic, 203320008 **Collection Date:** 7/13/2006 1:31:00 PM
Lab ID: 085582-001A **Matrix:** GROUND WATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID:	QC Batch:	Prep Date:	Analyst:			
MS11_060717A	A06VW201	HH				
Dibromochloromethane	0.44	0.18	0.50	µg/L	1	7/17/2006
Dibromoethane	ND	0.19	0.50	µg/L	1	7/17/2006
Dichlorodifluoromethane	ND	0.25	0.50	µg/L	1	7/17/2006
Ethylbenzene	ND	0.15	0.50	µg/L	1	7/17/2006
Hexachlorobutadiene	ND	0.21	0.50	µg/L	1	7/17/2006
Isopropylbenzenes	ND	0.16	0.50	µg/L	1	7/17/2006
m,p-Xylene	ND	0.38	1.0	µg/L	1	7/17/2006
Methylene chloride	ND	0.22	0.50	µg/L	1	7/17/2006
n-Butylbenzene	ND	0.30	0.50	µg/L	1	7/17/2006
n-Propylbenzene	ND	0.18	0.50	µg/L	1	7/17/2006
Naphthalene	ND	0.11	0.50	µg/L	1	7/17/2006
p-Xylene	ND	0.15	0.50	µg/L	1	7/17/2006
sec-Butylbenzene	ND	0.16	0.50	µg/L	1	7/17/2006
Styrene	ND	0.14	0.50	µg/L	1	7/17/2006
tert-Butylbenzene	ND	0.18	0.50	µg/L	1	7/17/2006
Tetrachloroethene	0.31	0.22	0.50	µg/L	1	7/17/2006
Toluene	ND	0.21	0.50	µg/L	1	7/17/2006
trans-1,2-Dichloroethene	7.2	0.19	0.50	µg/L	1	7/17/2006
Trichloromethane	3200	22	50	µg/L	100	7/17/2006
Trichlorofluoromethane	ND	0.24	0.50	µg/L	1	7/17/2006
Vinyl chloride	1.8	0.23	0.50	µg/L	1	7/17/2006

Qualifiers: D: Analyte detected in the associated Method Blank
H: Holding times for preparation or analysis exceeded
ND: Not Detected at the Reporting Limit
Results are wet unless otherwise specified

E: Value above quantitation range
J: Analyte detected below quantitation limit
S: Spike/Surrogate outside of limits due to matrix interference
DO: Surrogate Diluted Out

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Advanced Technology
Laboratories

3275 Walnut Avenue, Signal Hill, CA 90753 Tel: 562.989.4040 Fax: 562.989.4040

Advanced Technology Laboratories

Date: 20-Jul-06

CLIENT: Ninyo & Moore **Client Sample ID:** MW2
Lab Order: 085582 **Tag Number:**
Project: Cudahy On-Atlantic, 203320008 **Collection Date:** 7/13/2006 2:00:00 PM
Lab ID: 085582-002A **Matrix:** GROUND WATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS11_060717A	QC Batch: A06VW201		PrepDate:		Analyst: HH	
1,1,1,2-Tetrachloroethane	ND	0.20	0.50	µg/L	1	7/17/2006
1,1,1-Trichloroethane	ND	0.27	0.50	µg/L	1	7/17/2006
1,1,2,2-Tetrachloroethane	ND	0.20	0.50	µg/L	1	7/17/2006
1,1,2-Trichloroethane	0.22	0.20	0.50	µg/L	1	7/17/2006
1,1-Dichloroethane	1.1	0.23	0.50	µg/L	1	7/17/2006
1,1-Dichloroethene	5.0	0.23	0.50	µg/L	1	7/17/2006
1,1-Dichloropropene	ND	0.18	0.50	µg/L	1	7/17/2006
1,2,3-Trichlorobenzene	ND	0.16	0.50	µg/L	1	7/17/2006
1,2,3-Trichloropropane	ND	0.18	0.50	µg/L	1	7/17/2006
1,2,4-Trichlorobenzene	ND	0.14	0.50	µg/L	1	7/17/2006
1,2,4-Trimethylbenzene	ND	0.15	0.50	µg/L	1	7/17/2006
1,2-Dibromo-3-chloropropane	ND	0.24	0.50	µg/L	1	7/17/2006
1,2-Dibromoethane	ND	0.16	0.50	µg/L	1	7/17/2006
1,2-Dichlorobenzene	ND	0.14	0.50	µg/L	1	7/17/2006
1,2-Dichloromethane	ND	0.46	0.50	µg/L	1	7/17/2006
1,2-Dichloropropane	ND	0.26	0.50	µg/L	1	7/17/2006
1,3,5-Trimethylbenzene	ND	0.15	0.50	µg/L	1	7/17/2006
1,3-Dichlorobenzene	ND	0.15	0.50	µg/L	1	7/17/2006
1,3-Dichloropropane	ND	0.20	0.50	µg/L	1	7/17/2006
1,4-Dichlorobenzene	ND	0.21	0.50	µg/L	1	7/17/2006
2,2-Dichloropropane	ND	0.37	0.50	µg/L	1	7/17/2006
2-Chlorotoluene	ND	0.15	0.50	µg/L	1	7/17/2006
4-Chlorotoluene	ND	0.14	0.50	µg/L	1	7/17/2006
4-Isopropyltoluene	ND	0.19	0.50	µg/L	1	7/17/2006
Benzene	0.28	0.15	0.50	µg/L	1	7/17/2006
Bromobenzene	ND	0.20	0.50	µg/L	1	7/17/2006
Bromodichloromethane	ND	0.21	0.50	µg/L	1	7/17/2006
Bromoform	0.48	0.17	0.50	µg/L	1	7/17/2006
Bromomethane	ND	0.28	0.50	µg/L	1	7/17/2006
Carbon tetrachloride	ND	0.45	0.50	µg/L	1	7/17/2006
Chlorobenzene	ND	0.17	0.50	µg/L	1	7/17/2006
Chloroethane	ND	0.41	0.50	µg/L	1	7/17/2006
Chloroform	ND	0.30	0.50	µg/L	1	7/17/2006
Chloromethane	ND	0.46	0.50	µg/L	1	7/17/2006
cis-1,2-Dichloroethene	200	22	50	µg/L	100	7/18/2006
cis-1,3-Dichloropropene	ND	0.17	0.50	µg/L	1	7/17/2006

Qualifiers: B = Analyte detected in the associated Method Blank
H = Holding times for preparation or analysis exceeded
ND = Not Detected at the Reporting Limit
Results are wet unless otherwise specified

E = Value above quantitation range
J = Analyte detected below quantitation limits
S = Spike/Surrogate outside of limits due to matrix interference
*DO = Surrogate Diluted Out

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Advanced Technology
Laboratories

3275 Walnut Avenue, Signal Hill, CA 90753 Tel: 562.989.4040 Fax: 562.989.4040

Advanced Technology Laboratories

Date: 20-Jul-06

CLIENT: Ninyo & Moore **Client Sample ID:** MW2
Lab Order: 085582 **Tag Number:**
Project: Cudahy On-Atlantic, 203320068 **Collection Date:** 7/13/2006 2:00:00 PM
Lab ID: 085582-002A **Matrix:** GROUND WATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID:	QC Batch:	Prep Date:	Analyst:			
MS11_060717A	A06VW201	HH	HH			
Dibromochloromethane	0.24	0.18	0.50	µg/L	1	7/17/2006
Dibromoethane	ND	0.19	0.50	µg/L	1	7/17/2006
Dichlorodifluoromethane	ND	0.25	0.50	µg/L	1	7/17/2006
Ethylbenzene	ND	0.15	0.50	µg/L	1	7/17/2006
Hexachlorobutadiene	ND	0.21	0.50	µg/L	1	7/17/2006
Isopropylbenzenes	ND	0.16	0.50	µg/L	1	7/17/2006
m,p-Xylene	ND	0.38	1.0	µg/L	1	7/17/2006
Methylene chloride	ND	0.22	0.50	µg/L	1	7/17/2006
n-Butylbenzene	ND	0.30	0.50	µg/L	1	7/17/2006
n-Propylbenzene	ND	0.18	0.50	µg/L	1	7/17/2006
Naphthalene	ND	0.11	0.50	µg/L	1	7/17/2006
p-Xylene	ND	0.15	0.50	µg/L	1	7/17/2006
sec-Butylbenzene	ND	0.16	0.50	µg/L	1	7/17/2006
Styrene	ND	0.14	0.50	µg/L	1	7/17/2006
tert-Butylbenzene	ND	0.18	0.50	µg/L	1	7/17/2006
Tetrachloroethene	ND	0.22	0.50	µg/L	1	7/17/2006
Toluene	ND	0.21	0.50	µg/L	1	7/17/2006
trans-1,2-Dichloroethene	11	0.19	0.50	µg/L	1	7/17/2006
Trichloromethane	2800	22	50	µg/L	100	7/18/2006
Trichlorofluoromethane	ND	0.24	0.50	µg/L	1	7/17/2006
Vinyl chloride	1.5	0.23	0.50	µg/L	1	7/17/2006

Qualifiers:
 B: Analyte detected in the associated Method Blank
 H: Holding times for preparation or analysis exceeded
 ND: Not Detected at the Reporting Limit
 Results are wet unless otherwise specified

E: Value above quantitation range
 J: Analyte detected below quantitation limit
 S: Spike/Surrogate outside of limits due to matrix interference
 *DO: Surrogate Diluted Out

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Advanced Technology
Laboratories

3275 Walnut Avenue, Signal Hill, CA 90753 Tel: 562.989.4049 Fax: 562.989.4040

Advanced Technology Laboratories

Date: 20-Jul-06

CLIENT: Ninyo & Moore **Client Sample ID:** MW3
Lab Order: 085582 **Tag Number:**
Project: Cudahy On-Atlantic, 203320068 **Collection Date:** 7/13/2006 1:42:00 PM
Lab ID: 085582-003A **Matrix:** GROUND WATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS11_060717A	QC Batch: A06VW201		PrepDate:		Analyst: HH	
1,1,1,2-Tetrachloroethane	ND	0.20	0.50	µg/L	1	7/17/2006
1,1,1-Trichloroethane	ND	0.27	0.50	µg/L	1	7/17/2006
1,1,2,2-Tetrachloroethane	ND	0.20	0.50	µg/L	1	7/17/2006
1,1,2-Trichloroethane	0.28	0.20	0.50	µg/L	1	7/17/2006
1,1-Dichloroethane	0.63	0.23	0.50	µg/L	1	7/17/2006
1,1-Dichloroethene	4.4	0.23	0.50	µg/L	1	7/17/2006
1,1-Dichloropropene	ND	0.18	0.50	µg/L	1	7/17/2006
1,2,3-Trichlorobenzene	ND	0.16	0.50	µg/L	1	7/17/2006
1,2,3-Trichloropropane	ND	0.18	0.50	µg/L	1	7/17/2006
1,2,4-Trichlorobenzene	ND	0.14	0.50	µg/L	1	7/17/2006
1,2,4-Trimethylbenzene	ND	0.15	0.50	µg/L	1	7/17/2006
1,2-Dibromo-3-chloropropane	ND	0.24	0.50	µg/L	1	7/17/2006
1,2-Dibromoethane	ND	0.16	0.50	µg/L	1	7/17/2006
1,2-Dichlorobenzene	ND	0.14	0.50	µg/L	1	7/17/2006
1,2-Dichloromethane	2.1	0.46	0.50	µg/L	1	7/17/2006
1,2-Dichloropropane	ND	0.26	0.50	µg/L	1	7/17/2006
1,3,5-Trimethylbenzene	ND	0.15	0.50	µg/L	1	7/17/2006
1,3-Dichlorobenzene	ND	0.15	0.50	µg/L	1	7/17/2006
1,3-Dichloropropane	ND	0.20	0.50	µg/L	1	7/17/2006
1,4-Dichlorobenzene	ND	0.21	0.50	µg/L	1	7/17/2006
2,2-Dichloropropane	ND	0.37	0.50	µg/L	1	7/17/2006
2-Chlorotoluene	ND	0.15	0.50	µg/L	1	7/17/2006
4-Chlorotoluene	ND	0.14	0.50	µg/L	1	7/17/2006
4-Isopropyltoluene	ND	0.19	0.50	µg/L	1	7/17/2006
Benzene	0.40	0.15	0.50	µg/L	1	7/17/2006
Bromobenzene	ND	0.20	0.50	µg/L	1	7/17/2006
Bromodichloromethane	ND	0.21	0.50	µg/L	1	7/17/2006
Bromoform	ND	0.17	0.50	µg/L	1	7/17/2006
Bromomethane	ND	0.28	0.50	µg/L	1	7/17/2006
Carbon tetrachloride	ND	0.45	0.50	µg/L	1	7/17/2006
Chlorobenzene	ND	0.17	0.50	µg/L	1	7/17/2006
Chloroethane	ND	0.41	0.50	µg/L	1	7/17/2006
Chloroform	ND	0.30	0.50	µg/L	1	7/17/2006
Chloromethane	ND	0.46	0.50	µg/L	1	7/17/2006
cis-1,2-Dichloroethene	280	22	50	µg/L	100	7/18/2006
cis-1,3-Dichloropropene	ND	0.17	0.50	µg/L	1	7/17/2006

Qualifiers: B = Analyte detected in the associated Method Blank
H = Holding times for preparation or analysis exceeded
ND = Not Detected at the Reporting Limit
Results are wet unless otherwise specified

E = Value above quantitation range
J = Analyte detected below quantitation limits
S = Spike/Surrogate outside of limits due to matrix interference
*DO = Surrogate Diluted Out

Page 6 of 15

Advanced Technology
Laboratories

3275 Walnut Avenue, Signal Hill, CA 90753 Tel: 562.989.4049 Fax: 562.989.4040

Advanced Technology Laboratories

Date: 20-Jul-06

CLIENT: Ninyo & Moore **Client Sample ID:** MW3
Lab Order: 085582 **Tag Number:**
Project: Cudahy On-Atlantic, 203320008 **Collection Date:** 7/13/2006 1:42:00 PM
Lab ID: 085582-003A **Matrix:** GROUND WATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID:	QC Batch:	Prep Date:	Analyst:			
MS11_080717A	A06VW201	HH				
Dibromochloromethane	ND	0.18	0.50	µg/L	1	7/17/2006
Dibromoethane	ND	0.19	0.50	µg/L	1	7/17/2006
Dichlorodifluoromethane	ND	0.25	0.50	µg/L	1	7/17/2006
Ethylbenzene	ND	0.15	0.50	µg/L	1	7/17/2006
Hexachlorobutadiene	ND	0.21	0.50	µg/L	1	7/17/2006
Isopropylbenzenes	ND	0.16	0.50	µg/L	1	7/17/2006
m,p-Xylene	ND	0.38	1.0	µg/L	1	7/17/2006
Methylene chloride	ND	0.22	0.50	µg/L	1	7/17/2006
n-Butylbenzene	ND	0.30	0.50	µg/L	1	7/17/2006
n-Propylbenzene	ND	0.18	0.50	µg/L	1	7/17/2006
Naphthalene	ND	0.11	0.50	µg/L	1	7/17/2006
p-Xylene	ND	0.15	0.50	µg/L	1	7/17/2006
sec-Butylbenzene	ND	0.16	0.50	µg/L	1	7/17/2006
Styrene	ND	0.14	0.50	µg/L	1	7/17/2006
tert-Butylbenzene	ND	0.18	0.50	µg/L	1	7/17/2006
Tetrachloroethene	ND	0.22	0.50	µg/L	1	7/17/2006
Toluene	ND	0.21	0.50	µg/L	1	7/17/2006
trans-1,2-Dichloroethene	18	0.19	0.50	µg/L	1	7/17/2006
Trichloromethane	3700	22	50	µg/L	100	7/18/2006
Trichlorofluoromethane	ND	0.24	0.50	µg/L	1	7/17/2006
Vinyl chloride	2.2	0.23	0.50	µg/L	1	7/17/2006

Qualifiers:
 B: Analyte detected in the associated Method Blank
 H: Holding times for preparation or analysis exceeded
 ND: Not Detected at the Reporting Limit
 Results are wet unless otherwise specified

E: Value above quantitation range
 J: Analyte detected below quantitation limits
 S: Spike/Surrogate outside of limits due to matrix interference
 *DO: Surrogate Diluted Out

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Advanced Technology
Laboratories

3275 Walnut Avenue, Signal Hill, CA 90753 Tel: 562.989.4049 Fax: 562.989.4040

Advanced Technology Laboratories

Date: 20-Jul-06

CLIENT: Ninyo & Moore **Client Sample ID:** QCTB
Lab Order: 085582 **Tag Number:**
Project: Cudahy On-Atlantic, 203320006 **Collection Date:** 7/13/2006
Lab ID: 085582-004A **Matrix:** GROUND WATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS11_060717A	QC Batch: A08VW201		PrepDate:		Analyst: HH	
1,1,1,2-Tetrachloroethane	ND	0.20	0.50	µg/L	1	7/17/2006
1,1,1-Trichloroethane	ND	0.27	0.50	µg/L	1	7/17/2006
1,1,2,2-Tetrachloroethane	ND	0.20	0.50	µg/L	1	7/17/2006
1,1,2-Trichloroethane	ND	0.20	0.50	µg/L	1	7/17/2006
1,1-Dichloroethane	ND	0.23	0.50	µg/L	1	7/17/2006
1,1-Dichloroethene	ND	0.23	0.50	µg/L	1	7/17/2006
1,1-Dichloropropene	ND	0.18	0.50	µg/L	1	7/17/2006
1,2,3-Trichlorobenzene	ND	0.16	0.50	µg/L	1	7/17/2006
1,2,3-Trichloropropane	ND	0.18	0.50	µg/L	1	7/17/2006
1,2,4-Trichlorobenzene	ND	0.14	0.50	µg/L	1	7/17/2006
1,2,4-Trimethylbenzene	ND	0.15	0.50	µg/L	1	7/17/2006
1,2-Dibromo-3-chloropropane	ND	0.24	0.50	µg/L	1	7/17/2006
1,2-Dibromoethane	ND	0.16	0.50	µg/L	1	7/17/2006
1,2-Dichlorobenzene	ND	0.14	0.50	µg/L	1	7/17/2006
1,2-Dichloromethane	ND	0.46	0.50	µg/L	1	7/17/2006
1,2-Dichloropropane	ND	0.26	0.50	µg/L	1	7/17/2006
1,3,5-Trimethylbenzene	ND	0.15	0.50	µg/L	1	7/17/2006
1,3-Dichlorobenzene	ND	0.15	0.50	µg/L	1	7/17/2006
1,3-Dichloropropane	ND	0.20	0.50	µg/L	1	7/17/2006
1,4-Dichlorobenzene	ND	0.21	0.50	µg/L	1	7/17/2006
2,2-Dichloropropane	ND	0.37	0.50	µg/L	1	7/17/2006
2-Chlorotoluene	ND	0.15	0.50	µg/L	1	7/17/2006
4-Chlorotoluene	ND	0.14	0.50	µg/L	1	7/17/2006
4-Isopropyltoluene	ND	0.19	0.50	µg/L	1	7/17/2006
Benzene	ND	0.15	0.50	µg/L	1	7/17/2006
Bromobenzene	ND	0.20	0.50	µg/L	1	7/17/2006
Bromodichloromethane	ND	0.21	0.50	µg/L	1	7/17/2006
Bromoform	ND	0.17	0.50	µg/L	1	7/17/2006
Bromomethane	ND	0.28	0.50	µg/L	1	7/17/2006
Carbon tetrachloride	ND	0.45	0.50	µg/L	1	7/17/2006
Chlorobenzene	ND	0.17	0.50	µg/L	1	7/17/2006
Chloroethane	ND	0.41	0.50	µg/L	1	7/17/2006
Chloroform	ND	0.30	0.50	µg/L	1	7/17/2006
Chloromethane	ND	0.46	0.50	µg/L	1	7/17/2006
cis-1,2-Dichloroethene	ND	0.22	0.50	µg/L	1	7/17/2006
cis-1,3-Dichloropropene	ND	0.17	0.50	µg/L	1	7/17/2006

Qualifiers: B = Analyte detected in the associated Method Blank
H = Holding times for preparation or analysis exceeded
ND = Not Detected at the Reporting Limit
Results are wet unless otherwise specified

E = Value above quantitation range
J = Analyte detected below quantitation limits
S = Spike/Surrogate outside of limits due to matrix interference
DO = Surrogate Diluted Out

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Advanced Technology
Laboratories

3275 Walnut Avenue, Signal Hill, CA 90753 Tel: 562.989.4049 Fax: 562.989.4040

Advanced Technology Laboratories

Date: 20-Jul-06

CLIENT: Ninyo & Moore **Client Sample ID:** QCTB
Lab Order: 085582 **Tag Number:**
Project: Cudahy On-Atlantic, 203320068 **Collection Date:** 7/13/2006
Lab ID: 085582-004A **Matrix:** GROUND WATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID:	QC Batch:	Prep Date:	Analyst:			
MS11_060717A	A06VW201	HH				
Dibromochloromethane	ND	0.18	0.50	µg/L	1	7/17/2006
Dibromoethane	ND	0.19	0.50	µg/L	1	7/17/2006
Dichlorodifluoromethane	ND	0.25	0.50	µg/L	1	7/17/2006
Ethylbenzene	ND	0.15	0.50	µg/L	1	7/17/2006
Hexachlorobutadiene	ND	0.21	0.50	µg/L	1	7/17/2006
Isopropylbenzenes	ND	0.16	0.50	µg/L	1	7/17/2006
m,p-Xylene	ND	0.38	1.0	µg/L	1	7/17/2006
Methylene chloride	0.89	0.22	0.50	µg/L	1	7/17/2006
n-Butylbenzene	ND	0.30	0.50	µg/L	1	7/17/2006
n-Propylbenzene	ND	0.18	0.50	µg/L	1	7/17/2006
Naphthalene	ND	0.11	0.50	µg/L	1	7/17/2006
p-Xylene	ND	0.15	0.50	µg/L	1	7/17/2006
sec-Butylbenzene	ND	0.16	0.50	µg/L	1	7/17/2006
Styrene	ND	0.14	0.50	µg/L	1	7/17/2006
tert-Butylbenzene	ND	0.18	0.50	µg/L	1	7/17/2006
Tetrachloroethene	ND	0.22	0.50	µg/L	1	7/17/2006
Toluene	ND	0.21	0.50	µg/L	1	7/17/2006
trans-1,2-Dichloroethene	ND	0.19	0.50	µg/L	1	7/17/2006
Trichloromethane	ND	0.32	0.50	µg/L	1	7/17/2006
Trichlorofluoromethane	ND	0.24	0.50	µg/L	1	7/17/2006
Vinyl chloride	ND	0.23	0.50	µg/L	1	7/17/2006

Qualifiers: B: Analyte detected in the associated Method Blank
H: Holding times for preparation or analysis exceeded
ND: Not Detected at the Reporting Limit
Results are wet unless otherwise specified

E: Value above quantitation range
J: Analyte detected below quantitation limits
S: Spike/Surrogate outside of limits due to matrix interference
DO: Surrogate Diluted Out

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Advanced Technology
Laboratories

3275 Walnut Avenue, Signal Hill, CA 90753 Tel: 562.989.4040 Fax: 562.989.4040

CLIENT: Niryo & Moore
Work Order: 085582
Project: Cudahy On-Atlantic, 203320006

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_WP_LL

Sample ID: A071706LC1	SampType: LCS	TestCode: 8260_WP_LL Units: µg/L			Prep Date:			RunNo: 65616			
Client ID: LCSW	Batch ID: A06VW201	TestNo: EPA 8260B			Analysis Date: 7/17/2006			SeqNo: 974311			
Analyte	Result	PQL	SPK value	SPK RefVal	%REC	LowLimit	HighLimit	RPD RefVal	%RPD	RPDLimit	Qual
1,1-Dichloroethene	19.710	0.50	20.00	0	99.5	81	126				
Benzene	19.890	0.50	20.00	0	100	90	112				
Chlorobenzene	19.850	0.50	20.00	0	99.8	78	116				
Toluene	20.870	0.50	20.00	0	103	90	111				
Trichloroethene	21.840	0.50	20.00	0	108	84	124				

Sample ID: A071706MB3MS	SampType: MS	TestCode: 8260_WP_LL Units: µg/L			Prep Date:			RunNo: 65616			
Client ID: ZZZZZZ	Batch ID: A06VW201	TestNo: EPA 8260B			Analysis Date: 7/17/2006			SeqNo: 974312			
Analyte	Result	PQL	SPK value	SPK RefVal	%REC	LowLimit	HighLimit	RPD RefVal	%RPD	RPDLimit	Qual
1,1-Dichloroethene	19.000	0.50	20.00	0	95.3	81	126				
Benzene	20.180	0.50	20.00	0	101	90	112				
Chlorobenzene	19.350	0.50	20.00	0	97.8	78	116				
Toluene	20.330	0.50	20.00	0	102	90	111				
Trichloroethene	21.820	0.50	20.00	0	107	84	124				

Sample ID: A071706MB3MSD	SampType: MSD	TestCode: 8260_WP_LL Units: µg/L			Prep Date:			RunNo: 65616			
Client ID: ZZZZZZ	Batch ID: A06VW201	TestNo: EPA 8260B			Analysis Date: 7/17/2006			SeqNo: 974313			
Analyte	Result	PQL	SPK value	SPK RefVal	%REC	LowLimit	HighLimit	RPD RefVal	%RPD	RPDLimit	Qual
1,1-Dichloroethene	19.400	0.50	20.00	0	92.5	81	126	18.08	3.04	30	
Benzene	19.610	0.50	20.00	0	97.8	80	112	20.19	3.43	30	
Chlorobenzene	19.220	0.50	20.00	0	91.1	78	116	18.35	0.711	30	
Toluene	19.850	0.50	20.00	0	99.2	90	111	20.33	2.33	30	
Trichloroethene	20.840	0.50	20.00	0	103	84	124	21.32	0.24	30	

Qualifiers:

E Value above quantitation range
 ND Not Detected at the Reporting Limit
 DO Surrogate Diluted Out

H Holding times for preparation or analysis exceeded
 R RPD outside accepted recovery limits
 Calculations are based on raw values

J Analyte detected below quantitation limits
 S Spike/Surrogate outside of limits due to matrix interference

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Advanced Technology Laboratories 3273 Walnut Street, Suite 400, CA 90735 Tel: 310.388.3043 Fax: 310.388.4616

CLIENT: Ninyo & Moore
Work Order: 0855B2
Project: Cudahy On-Atlantic, 203320008

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_WP_LL

Sample ID: A071706MB3	SampType: MBLK	TestCode: 8260_WP_LL	Units: µg/L	Prep Date:	RunNo: 65616						
Client ID: PBW	Batch ID: A06VW201	TestNo: EPA 8260B		Analysis Date: 7/17/2006	SeqNo: 974314						
Analyte	Result	PQL	SPK Value	SPK RefVal	%REC	LowLimit	HighLimit	RFD RefVal	%RFD	RFD Limit	Qual
1,1,1,2-Tetrachloroethane	ND	0.50									
1,1,1-Trichloroethane	ND	0.50									
1,1,2,2-Tetrachloroethane	ND	0.50									
1,1,2-Trichloroethane	ND	0.50									
1,1-Dichloroethane	ND	0.50									
1,1-Dichloroethene	ND	0.50									
1,1-Dichloropropene	ND	0.50									
1,2,3-Trichlorobenzene	ND	0.50									
1,2,3-Trichloropropane	ND	0.50									
1,2,4-Trichlorobenzene	ND	0.50									
1,2,4-Trimethylbenzene	ND	0.50									
1,2-Dibromo-3-chloropropane	ND	0.50									
1,2-Dibromoethane	ND	0.50									
1,2-Dichlorobenzene	ND	0.50									
1,2-Dichloroethane	ND	0.50									
1,2-Dichloropropane	ND	0.50									
1,3,5-Trimethylbenzene	ND	0.50									
1,3-Dichlorobenzene	ND	0.50									
1,3-Dichloropropane	ND	0.50									
1,4-Dichlorobenzene	ND	0.50									
2,2-Dichloropropane	ND	0.50									
2-Chlorotoluene	ND	0.50									
4-Chlorotoluene	ND	0.50									
4-Isopropyltoluene	ND	0.50									
Benzene	ND	0.50									
Bromobenzene	ND	0.50									
Bromodichloromethane	ND	0.50									
Bromoform	ND	0.50									
Bromomethane	ND	0.50									
Carbon tetrachloride	ND	0.50									

Qualifiers:

E Value above quantitation range
ND Not Detected at the Reporting Limit
DO Surrogate Diluted Out

H Holding times for preparation or analysis exceeded
R RPD outside accepted recovery limits
Calculations are based on raw values

J Analyte detected below quantitation limits
S Spike/Surrogate outside of limits due to matrix interference

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Advanced Technology
Laboratories

3273 Walnut Avenue, Signal Hill, CA 90755 Tel: 562.909.3043 Fax: 562.909.4810

CLIENT: Ninyo & Moore
Work Order: 0855B2
Project: Cudahy On-Atlantic, 203320008

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_WP_LL

Sample ID: A071706MB3	SampType: MBLK	TestCode: 8260_WP_LL	Units: µg/L	Prep Date:	RunNo: 65616						
Client ID: PBW	Batch ID: A06VW201	TestNo: EPA 8260B		Analysis Date: 7/17/2006	SeqNo: 974314						
Analyte	Result	RQL	SPK Value	SPK RefVal	%REC	LowLimit	HighLimit	RFD RefVal	%RFD	RFDLimit	Qual
Chlorobenzene	ND	0.50									
Chloroethane	ND	0.50									
Chloroform	ND	0.50									
Chloromethane	ND	0.50									
cis-1,2-Dichloroethylene	ND	0.50									
cis-1,3-Dichloropropene	ND	0.50									
Dibromochloromethane	ND	0.50									
Dibromomethane	ND	0.50									
Dichlorodifluoromethane	ND	0.50									
Ethylbenzene	ND	0.50									
Hexachlorobutadiene	ND	0.50									
Isopropylbenzene	ND	0.50									
m,p-Xylene	ND	1.0									
Methylene chloride	ND	0.50									
n-Buylbenzene	ND	0.50									
n-Propylbenzene	ND	0.50									
Naphthalene	ND	0.50									
o-Xylene	ND	0.50									
sec-Buylbenzene	ND	0.50									
Styrene	ND	0.50									
tert-Buylbenzene	ND	0.50									
Tetrachloroethene	ND	0.50									
Toluene	ND	0.50									
trans-1,2-Dichloroethene	ND	0.50									
Trichloroethene	ND	0.50									
Trichlorofluoromethane	ND	0.50									
Vinyl chloride	ND	0.50									

Qualifiers:

E Value above quantitation range
ND Not Detected at the Reporting Limit
DO Surrogate Diluted Out

H Holding times for preparation or analysis exceeded
R RPD outside accepted recovery limits
Calculations are based on raw values

J Analyte detected below quantitation limits
S Spike/Surrogate outside of limits due to matrix interference

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Advanced Technology
Laboratories

3273 Walnut Avenue, Signal Hill, CA 90755 Tel: 562.988.3043 Fax: 562.988.4616

CLIENT: Ninyo & Moore
 Work Order: 0855B2
 Project: Cudahy On-Atlantic, 203320008

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_WP_LL

Sample ID: A071806LC1	SampType: LCS	TestCode: 8260_WP_LL Units: µg/L			Prep Date:		RunNo: 65668				
Client ID: LCSW	Batch ID: A06VW202	TestNo: EPA 8260B			Analysis Date: 7/18/2006		SeqNo: 975114				
Analyte	Result	PQL	SPK value	SPK RefVal	%REC	LowLimit	HighLimit	RPD RefVal	%RPD	RPDLimit	Qual
1,1-Dichloroethene	18.810	0.50	20.00	0	94.1	81	128				
Benzene	18.700	0.50	20.00	0	99.5	90	112				
Chlorobenzene	18.830	0.50	20.00	0	99.4	78	115				
Toluene	20.120	0.50	20.00	0	101	90	111				
Trichloroethene	21.430	0.50	20.00	0	107	84	124				

Sample ID: A071806MB3MS	SampType: MS	TestCode: 8260_WP_LL Units: µg/L			Prep Date:		RunNo: 65668				
Client ID: ZZZZZZ	Batch ID: A06VW202	TestNo: EPA 8260B			Analysis Date: 7/18/2006		SeqNo: 975116				
Analyte	Result	PQL	SPK value	SPK RefVal	%REC	LowLimit	HighLimit	RPD RefVal	%RPD	RPDLimit	Qual
1,1-Dichloroethene	18.330	0.50	20.00	0	91.7	81	128				
Benzene	18.890	0.50	20.00	0	99.4	90	112				
Chlorobenzene	20.800	0.50	20.00	0	104	78	115				
Toluene	20.080	0.50	20.00	0	100	90	111				
Trichloroethene	20.580	0.50	20.00	0	103	84	124				

Sample ID: A071806MB3MSD	SampType: MSD	TestCode: 8260_WP_LL Units: µg/L			Prep Date:		RunNo: 65668				
Client ID: ZZZZZZ	Batch ID: A06VW202	TestNo: EPA 8260B			Analysis Date: 7/18/2006		SeqNo: 975116				
Analyte	Result	PQL	SPK value	SPK RefVal	%REC	LowLimit	HighLimit	RPD RefVal	%RPD	RPDLimit	Qual
1,1-Dichloroethene	18.830	0.50	20.00	0	94.2	81	128	18.33	2.88	30	
Benzene	20.340	0.50	20.00	0	102	90	112	19.39	2.24	30	
Chlorobenzene	20.880	0.50	20.00	0	103	78	115	20.80	0.678	30	
Toluene	20.520	0.50	20.00	0	103	90	111	20.09	2.12	30	
Trichloroethene	21.050	0.50	20.00	0	107	84	124	20.58	3.67	30	

Qualifiers:

E Value above quantitation range
 ND Not Detected at the Reporting Limit
 DO Surrogate Diluted Out

H Holding times for preparation or analysis exceeded
 R RPD outside accepted recovery limits
 Calculations are based on raw values

J Analyte detected below quantitation limits
 S Spike/Surrogate outside of limits due to matrix interference

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Advanced Technology Laboratories 3273 Walnut Avenue, Suite 800, CA 91335 Tel: 800.388.3043 Fax: 562.399.4616

CLIENT: Ninyo & Moore
Work Order: 0855B2
Project: Cudahy On-Atlantic, 203320008

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_WP_LL

Sample ID: A071806MB3	SampType: MBLK	TestCode: 8260_WP_LL	Units: µg/L	Prep Date:	RunNo: 65668						
Client ID: PBW	Batch ID: A06VW202	TestNo: EPA 8260B		Analysis Date: 7/18/2006	SeqNo: 975117						
Analyte	Result	PQL	SPK Value	SPK RefVal	%REC	LowLimit	HighLimit	RFD RefVal	%RFD	RFDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	0.50									
1,1,1-Trichloroethane	ND	0.50									
1,1,2,2-Tetrachloroethane	ND	0.50									
1,1,2-Trichloroethane	ND	0.50									
1,1-Dichloroethane	ND	0.50									
1,1-Dichloroethene	ND	0.50									
1,1-Dichloropropane	ND	0.50									
1,2,3-Trichlorobenzene	ND	0.50									
1,2,3-Trichloropropane	ND	0.50									
1,2,4-Trichlorobenzene	ND	0.50									
1,2,4-Trimethylbenzene	ND	0.50									
1,2-Dibromo-3-chloropropane	ND	0.50									
1,2-Dibromoethane	ND	0.50									
1,2-Dichlorobenzene	ND	0.50									
1,2-Dichloroethane	ND	0.50									
1,2-Dichloropropane	ND	0.50									
1,3,5-Trimethylbenzene	ND	0.50									
1,3-Dichlorobenzene	ND	0.50									
1,3-Dichloropropane	ND	0.50									
1,4-Dichlorobenzene	ND	0.50									
2,2-Dichloropropane	ND	0.50									
2-Chlorotoluene	ND	0.50									
4-Chlorotoluene	ND	0.50									
4-Isopropyltoluene	ND	0.50									
Benzene	ND	0.50									
Bromobenzene	ND	0.50									
Bromodichloromethane	ND	0.50									
Bromoform	ND	0.50									
Bromomethane	ND	0.50									
Carbon tetrachloride	ND	0.50									

Qualifiers:

E Value above quantitation range
ND Not Detected at the Reporting Limit
DO Surrogate Diluted Out

H Holding times for preparation or analysis exceeded
R RPD outside accepted recovery limits
Calculations are based on raw values

J Analyte detected below quantitation limits
S Spike/Surrogate outside of limits due to matrix interference

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Advanced Technology
Laboratories

3273 Walnut Avenue, Signal Hill, CA 90755 Tel: 562.909.3043 Fax: 562.909.4676

CLIENT: Ninyo & Moore
Work Order: 0855B2
Project: Cudahy On-Atlantic, 203320008

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_WP_LL

Sample ID: A071806MB3	SampType: MBLK	TestCode: 8260_WP_LL	Units: µg/L	Prep Date:	RunNo: 65668						
Client ID: PBW	Batch ID: A06VW202	TestNo: EPA 8260B		Analysis Date: 7/18/2006	SeqNo: 975117						
Analyte	Result	RQL	SPK Value	SPK RefVal	%REC	LowLimit	HighLimit	RFD RefVal	%RFD	RFDLimit	Qual
Chlorobenzene	ND	0.50									
Chloroethane	ND	0.50									
Chloroform	ND	0.50									
Chloromethane	ND	0.50									
cis-1,2-Dichloroethylene	ND	0.50									
cis-1,3-Dichloropropene	ND	0.50									
Dibromochloromethane	ND	0.50									
Dibromomethane	ND	0.50									
Dichlorodifluoromethane	ND	0.50									
Ethylbenzene	ND	0.50									
Hexachlorobutadiene	ND	0.50									
Isopropylbenzene	ND	0.50									
m,p-Xylene	ND	1.0									
Methylene chloride	ND	0.50									
n-Buylbenzene	ND	0.50									
n-Propylbenzene	ND	0.50									
Naphthalene	ND	0.50									
o-Xylene	ND	0.50									
sec-Buylbenzene	ND	0.50									
Styrene	ND	0.50									
tert-Buylbenzene	ND	0.50									
Tetrachloroethene	ND	0.50									
Toluene	ND	0.50									
trans-1,2-Dichloroethene	ND	0.50									
Trichloroethene	ND	0.50									
Trichlorofluoromethane	ND	0.50									
Vinyl chloride	ND	0.50									

Qualifiers:

E Value above quantitation range
ND Not Detected at the Reporting Limit
DO Surrogate Diluted Out

H Holding times for preparation or analysis exceeded
R RPD outside accepted recovery limits
Calculations are based on raw values

J Analyte detected below quantitation limits
S Spike/Surrogate outside of limits due to matrix interference

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Advanced Technology
Laboratories

3273 Walnut Avenue, Signal Hill, CA 90755 Tel: 562.909.3043 Fax: 562.909.4616

CHAIN OF CUSTODY RECORD

Pg 1 of 1

 Advanced Technology Laboratories 3275 Walnut Avenue Signal Hill, CA 90755 (562) 989-4045 • Fax (562) 989-4040		FOR LABORATORY USE ONLY:												
P.O. # <i>PF</i> Logged By: <i>PF</i> Date: <i>7/14/06</i>		Method of Transport Client <input type="checkbox"/> ATL <input checked="" type="checkbox"/> OA OverN <input type="checkbox"/> FEDEX <input type="checkbox"/> Other: _____			Sample Condition Upon Receipt 1. CHILLED <input type="checkbox"/> Y <input checked="" type="checkbox"/> N <input type="checkbox"/> 4. SEALED <input type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> 2. HEADSPACE (VOA) <input type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> 5. # OF SPLS MATCH DOC <input type="checkbox"/> Y <input checked="" type="checkbox"/> N <input type="checkbox"/> 3. CONTAINER INTACT <input type="checkbox"/> Y <input checked="" type="checkbox"/> N <input type="checkbox"/> 6. PRESERVED <input type="checkbox"/> Y <input checked="" type="checkbox"/> N <input type="checkbox"/>									
Client: Ninyo & Moore Attn: Paul Roberts		Address: 475 Goddard Suite 200 City: Irvine State: CA Zip Code: 92618			TEL: (949) 753-7070 FAX: (949) 753-7071									
Project Name: <i>Culinary On-Atlantic</i> Project #: <i>203320008</i>		Sampler: <i>Jeff Arkar</i> (Printed Name) Signature: <i>Jeff Arkar</i>			Received by: (Signature and Printed Name) Date: <i>7/14/06</i> Time: <i>1700</i> Received by: (Signature and Printed Name) Date: <i>7/14/06</i> Time: <i>1730</i> Received by: (Signature and Printed Name) Date: <i>7/14/06</i> Time: <i>1730</i>									
Relinquished by: (Signature and Printed Name) <i>Paul Roberts</i>		Relinquished by: (Signature and Printed Name) <i>Jeff Arkar</i>			Received by: (Signature and Printed Name) Date: <i>7/14/06</i> Time: <i>1730</i> Received by: (Signature and Printed Name) Date: <i>7/14/06</i> Time: <i>1730</i> Received by: (Signature and Printed Name) Date: <i>7/14/06</i> Time: <i>1730</i>									
I hereby authorize ATL to perform the work indicated below: Project Mgr /Submitter: <i>Paul Roberts</i> Print Name _____ Date _____		Send Report To: Attn: _____ Co: <i>Paul Roberts</i> Address: _____			Bill To: Attn: _____ Co: <i>Paul Roberts</i> Address: _____ City: _____ State: _____ Zip: _____							Special Instructions/Comments: <i>RWQCB Detection Limits</i>		
Sample/Records - Archival & Disposal Unless otherwise requested by client, all samples will be disposed 45 days after receipt and records will be disposed 1 year after submittal of final report.		Circle or Add Analyses(ies) Requested <i>ATM (Pesticides)</i> <input type="checkbox"/> <i>ASPC (PCB)</i> <input type="checkbox"/> <i>ASPC (PCP)</i> <input type="checkbox"/> <i>ASPC (DDT)</i> <input type="checkbox"/> <i>ASPC (Hg)</i> <input type="checkbox"/> <i>ASPC (Total Hg)</i> <input type="checkbox"/> <i>ASPC (TBT)</i> <input type="checkbox"/> <i>ASPC (TBTG)</i> <input type="checkbox"/> <i>ASPC (TBTB)</i> <input type="checkbox"/> <i>ASPC (TBTG)</i> <input type="checkbox"/> <i>TTEC (Cah/T-Hg)</i> <input type="checkbox"/> <i>TTEC (Cah/T-Hg)</i> <input type="checkbox"/> <i>TTEC (Cah/T-Hg)</i> <input type="checkbox"/>			SPECIFY APPROPRIATE MATRIX SOIL <input type="checkbox"/> WATER <input type="checkbox"/> GROUND WATER <input type="checkbox"/> WASTEWATER <input type="checkbox"/>							Q/A/QC <input type="checkbox"/> RTNE <input type="checkbox"/> CT <input type="checkbox"/> SWRCB <input type="checkbox"/> Logcode <input type="checkbox"/> OTHER	PRESERVATION Container(s): TAT: # Type: Remarks	
LAB USE ONLY: Batch #:		Sample Description												
		Lab No. Sample I.D. / Location Date Time												
OX55J2 - ov1 - ov2 - ov3 - ov4-1	MW1 MW2 MW3 TB1	<i>7/14/06</i> <i>1331</i> <i>1400</i> <i>1342</i> <i>1342</i>	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>			
* TAT starts 8 a.m. following day if samples received after 3 p.m.		TAT: A= Overnight ≤ 24 hr B= Emergency Next workday C= Critical 2 Workdays D= Urgent 3 Workdays E= Routine 7 Workdays			Preservatives: H=HCl N=NHO ₃ S=H ₂ SO ₄ C=4°C Z=Zn(AC) ₂ O=NaOH T=Na ₂ SO ₃									
Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal														

DISTRIBUTION: White with report, Yellow to folder, Pink to submitter.

Rachelle Arada

From: Jeffrey Arbour [jarbour@ninyoandmoore.com]
Sent: Wednesday, July 19, 2006 8:30 AM
To: Rachelle Arada
Cc: Carmen Aguila
Subject: Cudahy/On-Atlantic 203320008 Geotracker

Rachelle:

Ninyo & Moore submitted three groundwater samples and one trip blank for the On-Atlantic Project in Cudahy, CA (project No. 203320008) on July 14, 2006. I recently found out that we will be uploading our laboratory information to the GeoTracker website so we would like an EDF report. Do I have to make changes to the COC or can you just use the information provided in this email. Please let me know. Our GeoTracker information is as follows:

Logcode: NMI

Global ID: SL0603783105

In addition, I labeled the trip blank TB1 on the COC. I understand that a trip blank should be labeled as QCTB if it is being uploaded to GeoTracker. Is this a change I must make on the COC?

Thanks for the help.

Jeffrey D. Arbour

Staff Environmental Scientist

Ninyo & Moore

475 Goddard, Suite 200

Irvine, California 92618

Phone: (949)753-7070

Fax: (949)753-7071

7/19/2006

8411 South Atlantic Boulevard
Cudahy, California

July 31, 2006
Project No. 203320008

ATTACHMENT G

GEOTRACKER UPLOAD CONFIRMATION

Electronic Submittal Information							
Main Menu View/Add Facilities Upload EDD Check EDD							
ON ATLANTIC, LLC - SL0603783105 8411 S ATLANTIC BLVD CUDAHY, CA				* DENOTES THAT A SUBMITTAL HAS BEEN AUTO-RECEIVED			
EDF SUBMITTALS							
CONF NUM	TITLE	QUARTER	SUBMITTED BY	SUBMIT DATE	STATUS		
8829597711	SECOND QUARTER	Q3 2006	NINYO&MOORE	7/27/2006	PENDING	VIEW SUBMITTAL	DELETE SUBMITTAL QC SUBMITTAL REPORT
GEO XY SUBMITTALS							
NO GEO_XY SUBMITTALS FOR THIS FACILITY.							
GEO Z SUBMITTALS							
NO GEO_Z SUBMITTALS FOR THIS FACILITY.							
GEO WELL SUBMITTALS							
CONF NUM	TITLE	SUBMITTED BY	SUBMIT DATE	STATUS			
1870437443	SECOND QUARTER	2006	NINYO&MOORE	7/27/2006	PENDING	VIEW SUBMITTAL	DELETE SUBMITTAL
GEO MAP SUBMITTALS							
CONF NUM	TITLE	SUBMITTED BY	SUBMIT DATE	STATUS			
4726804435	GEO_MAP	NINYO&MOORE	7/27/2006	PENDING	VIEW SUBMITTAL	DELETE SUBMITTAL	
GEO_BORE SUBMITTALS							
CONF NUM	TITLE	FIELD PT NAME	SUBMITTED BY	SUBMIT DATE	STATUS		
9959043741	GEO_BORE	MW1	NINYO&MOORE	7/27/2006	PENDING	VIEW SUBMITTAL	DELETE SUBMITTAL
2803098917	GEO_BORE	MW2	NINYO&MOORE	7/27/2006	PENDING	VIEW SUBMITTAL	DELETE SUBMITTAL
6171094596	GEO_BORE	MW3	NINYO&MOORE	7/27/2006	PENDING	VIEW SUBMITTAL	DELETE SUBMITTAL
GEO_REPORT SUBMITTALS							
NO GEO_REPORT SUBMITTALS FOR THIS FACILITY.							
NAME CHANGE SUBMITTALS							
NO NAME CHANGE SUBMITTALS FOR THIS FACILITY.							
DUPLICATE FACILITY SUBMITTALS							
NO DUPLICATE FACILITY SUBMITTALS FOR THIS FACILITY.							

Logged in as NINYO (AUTR_RP)

CONTACT SITE ADMINISTRATOR